# Met Office Mountain Weather Forecast

## Yorkshire Dales National Park

Forecast valid from 00:00 on Wednesday 29 Mar 2023 until 23:59 on Thursday 30 Mar 2023

Forecast Issued on Tuesday 28 Mar 2023 at 10:07

**Confidence:** High for run of occasionally unsettled weather, but lower for detail due to the mobile nature of the pattern.

**Headline for Wednesday 29 Mar 2023:** Mainly cloudy with rain, turning heavier later. Fresh to strong southerly summit winds developing.

**Mountain weather hazards on Wednesday 29 Mar 2023**

**Blizzards**
No Likelihood

**Gales**
No Likelihood

**Thunderstorms**
No Likelihood

**Heavy persistent snow**
No Likelihood

**Severe chill effect**
No Likelihood

**Heavy persistent rain**
No Likelihood

**Storm force winds**
No Likelihood

**Poor visibility**
Medium Likelihood

**Strong sunlight**
No Likelihood

| **Weather and chance of precipitation at 600m** | | | | | | | |
|---|---|---|---|---|---|---|---|
| Time | | | | | | | |
| 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | | | |
| Light rain | Light rain | Light rain | Light rain | Light rain showers | Light rain showers | Heavy Rain | Light rain |
| Precipitation probability | | | | | | | |
| 60% | 60% | 70% | 40% | 40% | 40% | 60% | 70% |

**Forecast for Wednesday 29 Mar 2023**

**Weather:** Rather cloudy with occasional rain, with outbreaks light and patchy overnight and through the morning. Best of limited brighter spells expected late morning and early afternoon. Rain turning heavier and more persistent late afternoon and for the evening.

**Chance of cloud-free hill tops above 600m:** 30-40% becoming 70% for a time late morning and early afternoon

**Low Cloud and visibility:** Good becoming moderate or poor in rain, very poor within cloud with bases frequently down to 500m, less so for a time late morning and early afternoon

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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# Met Office Mountain Weather Forecast

**Forecast for Wednesday 29 Mar 2023**

| Height (m) | Wind Speed mean/gusts (mph) | | | | | Wind Direction (blowing from) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 13/19 SW | 14/20 SW | 12/17 S | 16/23 S | 18/25 S | 20/30 S | 20/31 S | 20/29 SW | 20/31 SW |
| **300** | 8/17 SW | 6/15 SW | 4/10 S | 9/18 S | 11/22 S | 13/26 S | 12/25 S | 11/24 SW | 12/27 SW |
| **Valley** | 8/17 SW | 5/14 S | 4/13 SE | 9/19 S | 11/23 S | 11/25 S | 11/25 S | 10/23 S | 12/26 SW |

| Height (m) | Temperature / Feels Like (°C) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 6/2 | 6/2 | 6/2 | 6/2 | 8/4 | 9/5 | 9/5 | 8/4 | 7/2 |
| **300** | 7/5 | 7/6 | 7/6 | 9/6 | 10/8 | 11/9 | 11/8 | 10/8 | 9/6 |
| **Valley** | 8/6 | 8/7 | 9/8 | 10/8 | 12/10 | 13/11 | 12/10 | 11/9 | 10/8 |
| **Freezing Level*** | 1700m | 1700m | 1700m | 1700m | 1800m | 2100m | 2000m | 1800m | 1600m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Hill fog quite extensive in west.

**Recent rainfall:** measured at Malham: altitude 375m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 14:00 on Tue 28 Mar 2023 | 5.4mm | 5.4mm | 6.4mm |

**Forecast for Thursday 30 Mar 2023**

**Weather:** Mainly cloudy overnight and through the day with occasional outbreaks of rain and drizzle, more likely to be persistent early and late in the day. Best chance of limited brighter spells appearing for the afternoon and in the east of the Park area.

**Maximum wind:** West or southwest mean 20-25 mph at first with gusts reaching 35 mph across most exposed ridges and summits. Winds easing and backing from mid-afternoon

**Chance of cloud-free hill tops above 600m:** 30-40%

**Low Cloud and visibility:** Good becoming moderate or poor in rain and drizzle, very poor within cloud with bases frequently down to 500m

**Temperature:** **Valleys:** Plus 5 Celsius increasing 16 Celsius for the afternoon
**At 600m:** Plus 7 Celsius
**Freezing level:** Above summits

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